



NVIDIA QUADRO FX by PNY TECHNOLOGIES



www.pny.eu	Entry-Level					Mid-Range	
	NVIDIA Quadro FX 350 (P280)	NVIDIA Quadro FX 370 (P588)	NVIDIA Quadro FX 550 (P456)	NVIDIA Quadro FX 560 (P456)	NVIDIA Quadro FX 570 (P588)	NVIDIA Quadro FX 1500 (P455)	NVIDIA Quadro FX 1700 (P588)
Bus Connector	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16
PCI-E Bandwith	8 GB/s (4 GB/s each direction)	PCI-E Gen2 Compatible 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E Gen2 Compatible 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E Gen2 Compatible 16 GB/s (8GB/s each direction)
GPU NVIDIA Quadro	G72GL	G84-825	NV43GL	G73GL	G84-850	G71GL	G84-875
Core Clock	550 MHz	360 MHz	360 MHz	350 MHz	460 MHz	325 MHz	460 MHz
Frame Buffer	128 MB	256 MB	128 MB	128 MB	256 MB	256 MB	512MB
Memory Interface	64 bit	64 bit	128 bit	128 bit	128 bit	256bit	128 bit
Memory Type	DDR2 SDRAM	DDR2 SDRAM	GDDR3 SDRAM	GDDR3 SDRAM	DDR2 SDRAM	GDDR3 SDRAM	DDR2 SDRAM
Memory Clock	202,5 (405) MHz	400 (800) MHz	400 (800) MHz	300 (600) MHz	400 (800) MHz	625 (1250) MHz	400 (800) MHz
Memory Bandwidth	6,5 GB/sec.	6,4 GB/sec.	12,8 GB/sec.	19,2 GB/sec.	12,8 GB/sec.	40,0 GB/sec.	12,8 GB/sec.
RAMDAC	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz
Power consumption	30 Watt	35 Watt	26 Watt	30 Watt	38 Watt	65 Watt	42 Watt
PCI Express Power Connector	-	-	-	-	-	-	-
Outputs	1x VGA, 1x DVI-I	2 x DVI-I	2 x DVI-I	2 x DVI-I, 1x HDTV	2 x DVI-I	2 x DVI-I, 1x HDTV	2 x DVI-I, 1x HDTV
Max Displays / Card	2	2	2	2	2	2	2
Dual-Link DVI-I outputs	-	1	-	1	2	2	2
Adapters (Included)	1x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA
HDTV Output	-	-	-	7 pin mini DIN	-	7 pin mini DIN	7 pin mini DIN
HDCP Support	-	Yes	-	-	Yes	-	Yes
Stereo connector	-	-	-	-	-	-	-
Genlock / Framelock	-	-	-	-	-	-	-
2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
2D/3D max resolution analog	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz
2D/3D max resolution digital	1900x1200 @ 60 Hz	1900x1200 @ 60Hz Single Link 2560x1600 @ 60Hz Dual Link	1900x1200 @ 60 Hz	1900x1200 @ 60Hz Single Link 2560x1600 @ 60Hz Dual Link	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz
Full-Scene Antialiasing max. (FSAA)	8x	16x	8x	8x	16x	8x	32x
C-Programming Environment	-	Yes	-	-	Yes	-	Yes
OpenGL	2.0	2.1	2.0	2.0	2.1	2.0	2.1
Shader Model	3.0	4.0	3.0	3.0	4.0	3.0	4.0
DirectX	9.0c	10.0	9.0c	9.0c	10.0	9.0c	10.0
SLI frame rendering	-	-	-	-	-	-	-
Number of Slots	1	1	1	1	1	1	1
Physical dimensions	16,76cm x 11,12cm (6,6" x 4,376")	16,76cm x 11,12cm (6,6" x 4,376")	17,24cm x 11,12cm (6,8" x 4,376")	17,24cm x 11,12cm (6,8" x 4,376")	16,76cm x 11,12cm (6,6" x 4,376")	19,81cm x 11,123cm (7,8" x 4,376")	16,76cm x 11,12cm (6,6" x 4,376")
Universal Driver	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling System	Fan sink (active) 12Volt DC 28 dB	Fan sink (active) 12Volt DC 29 dB	Fan sink (active) 12Volt DC 23 dB	Fan sink (active) 12Volt DC 23 dB	Fan sink (active) 12Volt DC 29 dB	Fan sink (active) 12 Volt DC 45 dB	Fan sink (active) 12Volt DC 29 dB
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Geometry (Triangles per Sec.)	55 Million	66 Million	66 Million	126 Million	137 Million	144 Million	191 Million
Fill Rate (Texels per Sec.)	2,0 Billion	2,9 Billion	1,4 Billion	2,8 Billion	3,7 Billion	6,0 Billion	7.4 Billion
Article No. Retail	VCQFX350-PCIE-PB	VCQFX370-PCIE-PB	VCQFX550-PCIE-PB	VCQFX560-PCIE-PB	VCQFX570-PCIE-PB	VCQFX1500-PCIE-PB	VCQFX1700-PCIE-PB
EAN code	3536403330996	3536403333133	3536403331009	3536403331016	3536403333157	3536403331139	3536403333171
Article No. 10 pack Bulk	VCQFX350-PCIEBLK-1	VCQFX370-PCIEBLK-1	VCQFX550-PCIEBLK-1	VCQFX560-PCIEBLK-1	VCQFX570-PCIEBLK-1	VCQFX1500-PCIEBLK-1	VCQFX1700-PCIEBLK-1

3D Application Performance²							
3dsmax-04	16.69	25.61	19.56	27.90	30.02	30.63	34.73
catia-02	19.70	35.86	23.63	38.92	41.57	40.44	44.47
ensight-03	7.94	17.85	9.05	16.05	23.03	17.18	29.38
light-08	23.73	35.20	32.68	37.24	37.68	37.39	37.76
maya-02	34.35	52.19	44.21	71.94	73.01	85.31	110.80
proe-04	15.88	26.54	16.24	28.45	32.48	31.18	39.51
sw-01	21.80	34.36	25.32	36.44	44.84	41.16	56.12
tcvis-01	4.52	6.94	4.40	6.87	9.09	7.95	15.04
ugnx-01	2.43	6.93	5.36	9.53	8.91	10.66	14.29

²SPECviewperf® 9: for more information visit www.spec.org. Tested on 3 GHz Dual Core Duo Xeon® , Driver Release 97.00 (FX370, FX570, FX1700 tested with driver rel. 160+)

* Features and specifications are subject to change without notice.